

## AMPLIFIER AIR KNIFE AS03S

Our Amplifier Air knives or Cooling Air knives "AS" are available with 2, 3 or 4 air amplifiers, hard anodized aluminum or stainless steel 304. Our Amplifier Air knives or Cooling Air knives use the "coanda effect" which entrains a large amount of surrounding air using only a small amount of compressed air going into the air amplifiers. The effect is an amplification of up to 17 times the airflow or more (depending on the size of the air amplifiers) with reduced noise levels. The Amplifier Air knives or Cooling Air knives model AS02 use only 30 Nm<sup>3</sup>/h of air but generates a volume of 474 Nm<sup>3</sup>/h at the exit. The air amplifiers installed on the Amplifier Air knives or Cooling Air knife Mod. AS03 are the air amplifiers AM20



Air consumption at 5.5 Bar

45Nm<sup>3</sup>/h

Air flow at outlet

711Nm<sup>3</sup>/h

Sound level at 5 Bar

67dB(A)

Material

Stainless Steel 304

Shims

Stainless Steel

Dimensions

305 mm x 70 mm x 10 mm

Back connection

1/2" x 2

Side connections

1/2" x 2

Max operating pressure

7 Bar

Applications

Blow off and vacuum

Meets the OSHA directives

Yes

Meet the EU machine directives

Yes